

IN THE CLAIMS:

Please cancel all of the rejected claims, namely Claims 70-93 without prejudice or disclaimer of the subject matter presented therein. In this regard, all of the remaining claims have been allowed. For the Examiner's convenience, a copy of all the allowed claims are presented below.

1. (Not currently amended) An image sensing apparatus comprising:

(a) first, second and third light sources which emit light which are different in wavelength;

(b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of one image;

(c) a sensing unit which, in response to the trigger signal, outputs in a first period, a signal of one line of the image illuminated by the light source; and

(d) a light source control unit which controls such that, in a first period, the first, the second, and the third light sources are sequentially turned on and off in this order and such that, in a second period, the first, the second, and the third light sources are sequentially turned on and off in this order before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the first period.

5. (Not currently amended) An apparatus according to claim 1, wherein said light source control unit sequentially turns on the first, the second and the third light sources so that said sensing unit may sense an image in a color mode.

6. (Not currently amended) An apparatus according to claim 1, wherein said light source control unit sequentially turns on the first, the second and the third light source so that said sensing unit may sense an image in a monochrome mode.

7. (Not currently amended) An apparatus according to claim 1, wherein said sensing unit outputs a signal a plurality of times during the first period.

8. (Not currently amended) An apparatus according to claim 7, wherein said sensing unit outputs a signal once during the first period.

12. (Not currently amended) An apparatus according to Claim 1, wherein said light sources include light sources which emit light with wavelengths corresponding to red, green, and blue.

14. (Not currently amended) A method of sensing an image, comprising the steps of:

(a) emitting light which is different in wavelength from first, second, and third light sources;

(b) generating a trigger signal for triggering an operation of sensing one line of an image;

(c) in response to the trigger signal, outputting in a first period, one line of the image illuminated with the emitted light; and

(d) in addition to sequentially turning on and off the first, the second, and the third light sources in this order in the first period, turning on and off the first, the

second, and the third light sources in this order in a second period before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing period.

18. (Not currently amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a color mode.

19. (Not currently amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a monochrome mode.

20. (Not currently amended) A method of sensing an image according to claim 14, wherein the operation of sensing produces a signal a plurality of times during the first period.

21. (Not currently amended) A method of sensing an image according to claim 20, wherein said sensing unit outputs a signal once during the first sensing period.

25. (Not currently amended) A method of sensing an image according to Claim 14, wherein said light sources include light sources which emit light with wavelengths corresponding to red, green, and blue.

27. (Not currently amended) A control memory in which is stored a program comprising the steps of:
- (a) emitting light which is different in wavelength from first, second, and third light sources;
 - (b) generating a trigger signal for triggering an operation of sensing one line of an image;
 - (c) in response to the trigger signal, outputting, in a first period, one line of the image illuminated with the emitted light; and
 - (d) in addition to sequentially turning on and off the first, the second, and the third light sources in this order from in the first period, turning on and off the first, the second, and the third light sources in this order in a second period before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the first period.

31. (Not currently amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a color mode.

32. (Not currently amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a monochrome mode.

33. (Not currently amended) A control memory according to claim 27,

wherein said operation of sensing produces an output a signal a plurality of times during the first period.

34. (Not currently amended) A control memory according to claim 33,

wherein said program causes said sensing unit to output a signal once during the first period.

38. (Not currently amended) A control memory according to claim 27,

wherein said memory is arranged to control light sources which include light sources which emit light with wavelengths corresponding to red, green and blue.

94. (Not currently amended) An image sensing apparatus comprising:

- (a) a light source which emits first light, second light, and third light which are different in wavelength;
- (b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of an image;
- (c) a sensing unit which, in response to the trigger signal, outputs a signal of one line of the image illuminated by the light source; and
- (d) a light source control unit which controls the light source such that the first light, the second light, and the third light are sequentially emitted in this order in the first period in which one line of the image is sensed by the sensing unit and such that predetermined light is emitted when the trigger signal is generated in a second period,

wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of a first period, and wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is the first light in the case where light other than the first light is being emitted when the trigger signal is generated.

95. (Not currently amended) An apparatus according to claim 94, wherein the first light is light which is first emitted at the beginning of a sensing operation performed by the sensing unit.

96. (Not currently amended) An apparatus according to claim 94, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

97. (Not currently amended) An apparatus according to claim 94, wherein the light source control unit controls the light source such that the plurality of light rays are sequentially emitted whereby the sensing unit senses a color image.

98. (Not currently amended) An apparatus according to claim 94, wherein the light source control unit controls the light source such that the plurality of light rays are sequentially emitted whereby the sensing unit senses a monochrome image.

99. (Not currently amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal a plurality of times during a one-line sensing period;

100. (Not currently amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal once during the first period.

101. (Not currently amended) An apparatus according to claim 94, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

102. (Not currently amended) A method of sensing an image, comprising the steps of:

- (a) generating a trigger signal for triggering an operation of sensing one line of an image;
- (b) sequentially emitting first, second, and third light in a one-line sensing period,
- (c) in response to the trigger signal, outputting one line of the image illuminated with the emitted light; and
- (d) in addition to sequentially emitting the first, second and third light in the one-line sensing period, emitting predetermined light when the trigger signal is generated in a non-sensing period, wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing period, and wherein the predetermined light is the second light in the

case where the first light is being emitted when the trigger signal is generated, while the predetermined light is the first light in the case where light other than the first light is being emitted when the trigger signal is generated..

103. (Not currently amended) An apparatus according to claim 102, wherein the first light is light which is first emitted at the beginning of a sensing operation.

104. (Not currently amended) An apparatus according to claim 102, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

105. (Not currently amended) An apparatus according to claim 102, wherein said sequentially emitting first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a color image.

106. (Not currently amended) An apparatus according to claim 102, wherein said sequentially emitting first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a monochrome image.

107. (Not currently amended) An apparatus according to claim 102, wherein a sensing unit outputs a signal a plurality of times during the first period.

108. (Not currently amended) An apparatus according to claim 102, wherein a sensing unit outputs a signal once during the first period.

109. (Not currently amended) An apparatus according to claim 102, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

110. (Not currently amended) A control memory in which is stored a program comprising the steps of:

(a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) sequentially emitting first, second, and third light in a one-line sensing period,

(c) in response to the trigger signal, outputting, in a first period, one line of the image illuminated with the emitted light; and

(d) in addition to sequentially emitting the first, second and third light in the first period, emitting predetermined light when the trigger signal is generated in a second period,

wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of said first

period, and

wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is the first light in the case where light other than the first light is being emitted when the trigger signal is generated.

111. (Not currently amended) An apparatus according to claim 110, wherein the first light is light which is first emitted at the beginning of a sensing operation.

112. (Not currently amended) An apparatus according to claim 110, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

113. (Not currently amended) An apparatus according to claim 110, wherein said sequentially emitting first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a color image.

114. (Not currently amended) An apparatus according to claim 110, wherein the light source control unit controls the light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a monochrome image.